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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 71 For Week Ended September 21, 1990 NO. 38

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 09/21/90	Last Week Ending: 09/14/90	Last Year Week Ending: 09/22/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	14,405	14,580	13,916	-175	489
Operable capacity	15,516	15,516	15,576	0	-60
Percent operated	92.8	94.0	89.3		
Motor Gasoline					
Total motor gasoline production	7,214	7,394	7,264	-180	-50
Finished leaded motor gasoline production	283	443	710	-160	-427
Finished unleaded motor gasoline production	6,931	6,951	6,554	-20	377
Total motor gasoline stocks	222,263	216,980	219,198	5,283	3,065
Finished leaded motor gasoline stocks	10,760	10,497	22,106	263	-11,346
Finished unleaded motor gasoline stocks	171,364	166,433	158,890	4,931	12,474
Jet Fuel Kerosine					
Jet fuel kerosine production	1,337	1,432	1,247	-95	90
Jet fuel kerosine stocks	42,265	42,589	42,076	-324	189
Distillate Fuel Oil					
Distillate fuel oil production	2,921	3,009	3,008	-88	-87
Distillate fuel oil stocks	136,495	133,298	122,811	3,197	13,684
Residual Fuel Oil					
Residual fuel oil production	901	1,040	905	-139	-4
Residual fuel oil stocks	52,219	49,346	44,273	2,873	7,946
Imports					
Crude oil imports	5,674	6,033	5,611	-359	63
Product imports	1,504	2,172	1,835	-668	-331
Crude Oil Stocks					
Crude oil stocks	364,012	369,760	330,956	-5,748	33,056
Crude Supply Balance	887				

*See definitions on page 6

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,516	1,322	1,322	1,381	95.7
Appal. No. 1	108	96	97	124	78.2
DISTRICT 1 TOTAL	1,624	1,418	1,419	1,505	94.3
Ind., Ill., Ky.	2,255	2,139	2,187	2,195	99.6
Minn., Wisc., Daks.	359	347	348	343	101.5
Okla., Kans., Mo.	815	749	749	737	101.6
DISTRICT 2 TOTAL	3,429	3,235	3,284	3,275	100.3
Inland Texas	606	537	539	584	92.3
Texas Gulf Coast	3,185	2,923	2,947	3,339	88.3
La. Gulf Coast	2,612	2,525	2,532	2,903	87.2
N. La. and Ark.	204	183	187	257	72.8
New Mexico	86	74	86	78	110.3
DISTRICT 3 TOTAL	6,693	6,242	6,291	7,161	87.9
DISTRICT 4 TOTAL	510	493	497	556	89.4
DISTRICT 5 TOTAL	2,916	2,874	2,914	3,019	96.5
TOTAL U.S.	15,172	14,262	14,405	15,516	92.8
TOTAL U.S. Weeks Ended:					
SEP. 14, 1990	15,555	14,377	14,580	15,516	94.0
SEP. 22, 1989	15,056	13,747	13,916	15,576	89.3
DISTRICTS 1-4 Weeks Ended:					
SEP. 21, 1990	12,256	11,388	11,491	12,497	92.0
SEP. 14, 1990	12,535	11,477	11,576	12,497	92.6
SEP. 22, 1989	12,403	11,177	11,263	12,538	89.8

API WEEKLY STATISTICAL BULLETIN

Week Ended September 21, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	635	--	635	14	74	380	120
Appal. No. 1	44	1	43	--	--	33	2
DISTRICT 1 TOTAL	679	1	678	14	74	413	122
Ind., Ill., Ky.	1,242	12	1,230	6	159	383	57
Minn., Wisc., Daks.	181	12	169	1	25	88	7
Okla., Kans., Mo.	404	15	389	11	56	192	3
DISTRICT 2 TOTAL	1,827	39	1,788	18	240	663	67
Inland Texas	303	15	288	28	36	128	13
Texas Gulf Coast	1,541	2	1,539	57	281	577	175
La. Gulf Coast	1,253	--	1,253	20	299	478	127
N. La. and Ark.	55	--	55	7	2	55	13
New Mexico	44	12	32	11	--	19	1
DISTRICT 3 TOTAL	3,196	29	3,167	123	618	1,257	329
DISTRICT 4 TOTAL	240	58	182	12	23	138	7
DISTRICT 5 TOTAL	1,272	156	1,116	58	382	450	376
TOTAL U.S.	7,214	283	6,931	225	1,337	2,921	901
TOTAL U.S. Weeks Ended:							
SEP. 14, 1990	7,394	443	6,951	201	1,432	3,009	1,040
SEP. 22, 1989	7,264	710	6,554	213	1,247	3,008	905
DISTRICTS 1-4 Weeks Ended:							
SEP. 21, 1990	5,942	127	5,815	167	955	2,471	525
SEP. 14, 1990	6,075	212	5,863	157	1,020	2,548	614
SEP. 22, 1989	6,086	432	5,654	140	902	2,573	547

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended September 21, 1990

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,347	7	4,339	1	73	460	6,212	764	--
Central Atlantic	26,627	77	22,722	3,828	377	5,617	39,057	20,590	13,460
Lower Atlantic	30,900	20	30,723	157	482	5,622	16,328	3,191	468
DISTRICT 1 TOTAL	61,874	104	57,784	3,986	932	11,699	61,597	24,545	13,928
DISTRICT 2 TOTAL	57,648	3,527	46,146	7,975	907	8,759	31,087	3,876	17,875
DISTRICT 3 TOTAL	64,926	679	47,184	17,063	2,361	14,204	29,591	15,656	53,973
DISTRICT 4 TOTAL	6,246	1,368	3,078	1,800	313	697	2,572	512	2,134
DISTRICT 5 TOTAL	31,569	5,082	17,172	9,315	1,581	6,906	11,648	7,630	25,393
TOTAL U.S.	222,263	10,760	171,364	40,139	6,094	42,265	136,495	52,219	113,303
TOTAL U.S. Weeks Ended:									
SEP. 14, 1990	216,980	10,497	166,433	40,050	6,162	42,589	133,298	49,346	111,626
SEP. 22, 1989	219,198	22,106	158,890	38,202	6,565	42,076	122,811	44,273	103,980
DISTRICTS 1-4 Weeks Ended:									
SEP. 21, 1990	190,694	5,678	154,192	30,824	4,513	35,359	124,847	44,589	87,910
SEP. 14, 1990	186,649	5,356	150,129	31,164	4,668	36,353	121,326	42,763	86,148
SEP. 22, 1989	191,042	16,675	143,643	30,724	4,756	36,476	112,843	36,996	81,137

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasolin

[2]Includes Grade No. 4 fuel oil

API WEEKLY STATISTICAL BULLETIN
Week Ended September 21, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy April 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
SEP. 21, 1990	4,415.0	4,538.0	5,468	692	287,263
SEP. 14, 1990	4,415.0	--	5,730	737	292,281
SEP. 7, 1990	4,456.0	--	6,747	719	295,606
AUG. 31, 1990	4,456.0	--	6,641	703	291,821
DISTRICT 5 TOTAL					
SEP. 21, 1990	2,596.0	2,780.0	206	--	76,749 #
SEP. 14, 1990	2,596.0	--	303	35	77,479
SEP. 7, 1990	2,726.0	--	199	--	78,661
AUG. 31, 1990	2,726.0	--	126	--	80,380
TOTAL U.S.					
SEP. 21, 1990	7,011.0	7,318.0	5,674	692	364,012 #
SEP. 14, 1990	7,011.0	--	6,033	772	369,760
SEP. 7, 1990	7,182.0	--	6,946	719	374,267
AUG. 31, 1990	7,182.0	--	6,767	703	372,201
SEP. 22, 1989	7,548.0 a/	--	5,611	693	330,956

#INCLUDES 19,302 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for September 1989

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
SEP. 21, 1990	887	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
SEP. 21, 1990	16,900	77,328	182,436	10,599	287,263	76,749 #	364,012 #
SEP. 14, 1990	16,240	80,293	184,969	10,779	292,281	77,479	369,760
SEP. 22, 1989	13,587	69,395	159,097	11,785	253,864	77,092	330,956

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	101	19	82	--	--	19	63	51	6	--	18	258
Central Atlantic	47	--	47	32	--	--	132	265	6	82	44	608
Lower Atlantic	62	--	62	--	--	45	22	43	--	--	19	191
DISTRICT 1 TOTAL												
SEP. 21, 1990	210	19	191	32	--	64	217	359	12	82	81	1,057
SEP. 14, 1990	238	--	238	34	--	21	384	391	17	42	69	1,196
SEP. 7, 1990	252	--	252	17	--	27	236	392	35	135	60	1,154
AUG. 31, 1990	177	--	177	11	--	44	346	524	14	54	32	1,202
DISTRICTS 2-4 TOTAL												
SEP. 21, 1990	2	--	2	43	2	8	2	5	135	146	93	436
SEP. 14, 1990	37	--	37	16	2	7	7	5	173	557	135	939
SEP. 7, 1990	4	--	4	13	2	5	5	6	246	136	357	774
AUG. 31, 1990	2	--	2	4	2	5	6	91	243	213	94	660
DISTRICT 5 TOTAL												
SEP. 21, 1990	3	--	3	--	--	--	1	--	6	--	1	11
SEP. 14, 1990	7	--	7	--	--	15	3	2	8	--	2	37
SEP. 7, 1990	5	--	5	--	--	5	1	33	6	--	3	53
AUG. 31, 1990	13	--	13	--	--	1	2	2	7	--	2	27
TOTAL U.S.	215	19	196	75	2	72	220	364	153	228	175	1,504
TOTAL U.S. Weeks Ended:												
SEP. 14, 1990	282	--	282	50	2	43	394	398	198	599	206	2,172
SEP. 7, 1990	261	--	261	30	2	37	242	431	287	271	420	1,981
AUG. 31, 1990	192	--	192	15	2	50	354	617	264	267	128	1,889
SEP. 22, 1989	313	--	313	12	--	124	278	467	135	453	53	1,835

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.